

Docket No. 60,319-010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Stephen Roy Pennington

Serial No. PCT/GB99/00071 filed January 08, 1999

U.S. Serial No. Unassigned - filed herewith

For: USE OF MASS FINGERPRINTING FOR IDENTIFICATION
OF PROTEIN AFFINITY LIGANDS

Assistant Commissioner For Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Dear Sir:

Prior to examination and prior to calculating the filing fee, please amend the claims
as follows:

Please amend claims 4, 5, 6, 7, 10, 11, 17 and 18 as follows:

4. A method as claimed in [any of the preceding claims] claim 1 wherein the
one of more proteins of interest are present in a mixture of proteins.

5. A method as claimed in [any of the preceding claims] claim 1 wherein the
method is a shotgun method for selecting and identifying protein affinity ligands to a
plurality of proteins.

6. A method as claimed in [any of the preceding claims] claim 1 wherein the
other mass spectrometry based characterisation includes acquisition of sequence tag data.

7. A method as claimed in [any of the preceding claims] claim 1 wherein the
antibodies generated in step (B)(i.) are immobilised on a support comprising nitrocellulose
or PVDF.